

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031731.D
 Acq On : 31 May 2024 00:52
 Operator : MA/JU
 Sample : P2549-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBM8

Quant Time: May 31 01:51:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	440286	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1998290	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1302534	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2563795	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1577316	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1533502	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	40183	3.776	ng/uL	0.00
4) Pyridine-d5	3.599	84	279455	9.328	ng/u1	0.00
7) Phenol-d5	6.852	99	894055	23.687	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	509096	23.059	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	719321	24.976	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	679897	22.098	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	375373	24.568	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	393989	24.963	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	719124	24.406	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	584652	13.364	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2288784	25.223	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2592441	24.846	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	318691	17.541	ng/u1	0.00
60) Fluorene-d10	15.322	176	1937132	25.230	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	250490m	19.438	ng/u1	0.00
73) Anthracene-d10	17.175	188	2877417	26.215	ng/u1	0.00
81) Pyrene-d10	19.475	212	3007733	35.634	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	1956784	26.723	ng/u1	0.01
Target Compounds					Qvalue	
6) Benzaldehyde	6.834	77	159057	8.984	ng/u1	98
50) Acenaphthylene	14.046	152	220574	1.871	ng/u1	99
52) Acenaphthene	14.387	153	111592	1.430	ng/u1	97
61) Fluorene	15.375	166	109168	1.279	ng/u1	93
72) Phenanthrene	17.116	178	3334511	25.532	ng/u1	99
74) Anthracene	17.204	178	589470	4.454	ng/u1	98
77) Carbazole	17.475	167	347375	3.078	ng/u1	98
78) Di-n-butylphthalate	18.045	149	201198	1.296	ng/u1	99
80) Fluoranthene	19.139	202	7485136	74.204	ng/u1	100
82) Pyrene	19.504	202	6670965	64.457	ng/u1	98
83) Butylbenzylphthalate	20.410	149	166668	3.410	ng/u1	95
85) Benzo(a)anthracene	21.292	228	2878034	27.260	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	1208540	16.960	ng/u1	99
87) Chrysene	21.351	228	3161563	32.059	ng/u1	97
90) Benzo(b)fluoranthene	23.327	252	3632214	39.627	ng/u1	99
91) Benzo(k)fluoranthene	23.380	252	1298927	14.442	ng/u1	95
93) Benzo(a)pyrene	24.116	252	2501193	29.135	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.568	276	1790818m	18.103	ng/u1	
95) Dibenzo(a,h)anthracene	27.592	278	458479m	5.677	ng/u1	
96) Benzo(g,h,i)perylene	28.592	276	1732329	22.029	ng/u1	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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